

SC Annual School Report Card Summary

Center for Advanced Technical Studies
 Grades: Enrollment: 589
 Director: James R. Couch
 Board Chair: Robert Gantt
 Superintendent: Stephen W. Hefner, Ed.D.

PERFORMANCE

Comprehensive detail, including definitions of ratings, performance criteria, and explanations of status, is available on www.ed.sc.gov and www.eoc.sc.gov as well as school and school district websites. Printed versions are available from school districts upon request.

YEAR	ABSOLUTE RATING	GROWTH RATING	PALMETTO GOLD AND SILVER AWARD		ESEA/FEDERAL ACCOUNTABILITY RATING SYSTEM	
			General Performance	Closing the Gap	ESEA Grade	Accountability Indicator
2013	N/A	N/A	TBD	TBD	Met	N/A
2012	N/A	N/A	N/A	N/A	N/A	N/A
2011	N/A	N/A	N/A	N/A	N/A	N/A

ABSOLUTE RATINGS OF CAREER CENTERS IN SC*

EXCELLENT	GOOD	AVERAGE	BELOW AVERAGE	AT-RISK
23	9	4	2	1

* Ratings are calculated with data available by 11/21/2013. All Career Centers in South Carolina are included.

TECHNICAL SKILL ATTAINMENT

The percentage of students enrolled in career and technology courses at a center who earn a 2.0 or above on the final course grade.

Our Center		State Center Average (%)
n	%	%
561	90.2%	89.4%

GRADUATION RATE

The number of 12th grade career technology education students who graduate in the spring is divided by the number of 12th graders enrolled in the center and converted to a percentage.

Our Center		State Center Average (%)
n	%	%
66	93.9%	94.9%

PLACEMENT RATE

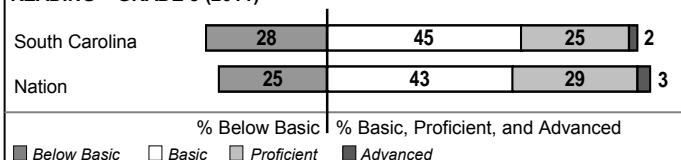
The number of career and technology completers who are available for placement in postsecondary instruction, military services, or employment is divided into the number of students over a three-year period who are actually placed and converted to a percentage. This criterion mirrors the Perkins standard.

Our Center		State Center Average (%)
n	%	%
-	-	96.5%

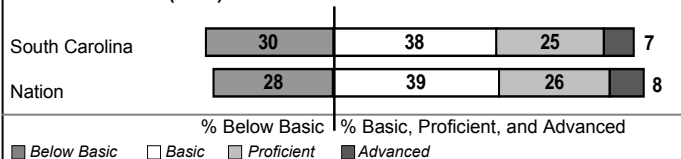
NAEP PERFORMANCE*

* Performance reported for SC and nation, data not available at school level. Percentages at NAEP Achievement Levels.

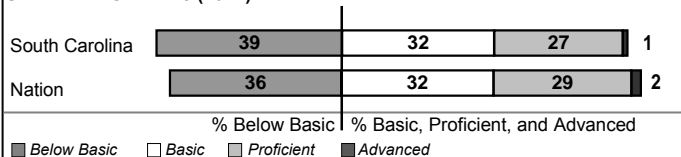
READING – GRADE 8 (2011)



MATH – GRADE 8 (2011)



SCIENCE – GRADE 8 (2011)



SC PERFORMANCE VISION

By 2020 all students will graduate with the knowledge and skills necessary to compete successfully in the global economy, participate in a democratic society and contribute positively as members of families and communities.

Abbreviations Key

N/A Not Applicable N/AV Not Available N/C Not Collected N/R Not Reported I/S Insufficient Sample TBD To be determined

Center for Advanced Technical Studies [Lexington 5]

SCHOOL PROFILE

	Our Center	Change from Last Year	Median Career Center
Students (n=589)			
Career/technology students in co-curricular organizations	N/A	N/A	16.2%
Enrollment in career/technology courses	589	N/A	620
Students participating in work-based experiences	N/A	N/A	14.9%
Teachers (n=18)			
Teachers with advanced degrees	38.9%	N/A	26.0%
Continuing contract teachers	66.7%	N/A	78.7%
Teachers returning from previous year	N/A	N/A	90.6%
Teacher attendance rate	95.0%	N/R	95.1%
Average teacher salary*	\$51,989	I/S	\$48,591
Professional development days/teacher	7.9 days	N/R	12.7 days
Center			
Director's years at Center	1.0	N/R	7.0
Dollars spent per pupil**	N/A	N/A	\$3,188
Percent of expenditures for teacher salaries**	N/A	N/A	58.5%
Percent of expenditures for instruction**	N/A	N/A	66.5%
Parents attending conferences	84.9%	N/R	81.9%

* Length of contract = 185+ days.

** Prior year audited financial data available.

EVALUATION RESULTS

	Teachers	Students*	Parents*
Number of surveys returned	17	183	17
Percent satisfied with learning environment	94.2%	84.1%	100%
Percent satisfied with social and physical environment	94.1%	86.7%	94.8%
Percent satisfied with school-home relations	100%	88.4%	94.8%

* Only eleventh grade students and their parents were included.

REPORT OF DIRECTOR AND SCHOOL IMPROVEMENT COUNCIL

The Center for Advanced Technical Studies opened in August 2012 with 675 students, 17 programs of study, 17 teachers, and 11 staff. The student body included 125 honors-level students and six merit scholar finalists.

The Center provides students the opportunity to remain enrolled in their home high school and take their major course of study at the center in a morning or afternoon schedule. Students complete high quality senior capstone projects, and teachers facilitate learning by guiding students through the process of discovery. The learning environment provides both teachers and students the opportunity to use their imagination, creation, and innovation to develop potential solutions to problems in biomedical science, sustainability energy, animal science, aerospace engineering, film production, construction, manufacturing, welding, culinary arts, computer networking and cyber security, law enforcement, electricity, biotechnology and environmental science, and automotive technology.

Science theories and concepts are experienced in contextualized learning environments through using knowledge in project-based work. Students use math and science to solve real world problems and create solutions beyond the normal science lab and classroom. Students create ownership of their learning through projects they develop. The curriculum provides students the opportunity to use lab-based equipment to study cancer cells and treatment protocols and learn how to convert agriculture products into energy. Other students produce films, construct and wire smart homes, learn to weld, and repair and maintain the latest vehicles. The Center focuses on students who want to invent, to problem solve, and to create solutions for state and global challenges.

The Center faces an accountability challenge in finding ways to meet the non-traditional student. A plan has been submitted to the SC Department of Education and the OCTE to increase awareness in the district of the non-traditional career opportunities available to students, as well as a review of non-traditional standards with state-level staff to determine if appropriate for the Center and District. Funding continues to be a challenge at federal, state and local levels for career and technical equipment and supplies.

We are pleased with the community and business support for the center and its programs. We have had the opportunity to host over 80 events with more than 8,000 people coming through the Center during the past nine months. We encourage visitors and parents to visit the Center for Advanced Technical Studies during our fall open house. We look forward to another great year in 2013-14.

Dr. James R. Couch, Center Director
Milasnovich, Center Advisory Council

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NI Newly Identified CSI Continuing School Improvement CA Corrective Action RP Plan to Restructure R Restructure DELAY School Improvement Status HOLD School Improvement Status